

Amendments to the Claims

1. (Currently amended) A method for call parking, the method comprising the steps of:

establishing a first communication session between a first ~~the~~ user agent and a second user agent in a network;

~~entering a call park number by~~ at the second user agent, initiating to initiate a call park for the first communication session using a call park number;

~~registering the call park number~~ at a server in the network, creating an association between the call park number and the second user agent by registering the call park number at the server;

responsive to registering the call park number at the server, parking the first communication session at the second user agent;

thereafter, at a third user agent in the network, entering the call park number;

responsive to entering the call park number at the third user agent, establishing a second communication session between the third user agent and the second user agent using the association between the call park number and the second user agent, the association being obtained from the server by the third user agent entering the call park number;

sending to the third user agent the address of the first user agent; ~~and~~

establishing a third communication session between the third user agent and the first user agent; and

deregistering the call park number at the server.

2. (Currently amended) The method of claim 1, wherein creating the association between the call park number and the second user agent further comprising the step of comprises, at the server, authorizing the second user agent for call parking at the server after the second user agent enters the call park number.

3. (Original) The method of claim 1 further comprising the step of using the call park number as a reference for the first communication session.

4. (Currently amended) The method of claim 1, wherein establishing the second communication session between the third user agent and the second user agent further comprising the step of comprises, at the server, routing the second communication session from the third user agent to the second user agent responsive to receiving the call park number from the third user agent.

5. (Currently amended) The method of claim 4, wherein establishing the third communication session between the third user agent and the first user agent further comprises comprising the step of referring the third user agent to invite the first user agent to initiate the third communication session after the server routes the third user agent to the second user agent.

6. (Original) The method of claim 1, further comprising the step of terminating the first communication session when the first user agent and the third user agent become engaged in the third communication session.

7. (Cancelled)

8. (Original) The method of claim 1, further comprising the step of terminating the second communication session when the first user agent and the third user agent become engaged in the third communication session.

9. (Original) The method of claim 1, further comprising the step of using real time protocol (RTP) media exchange for the first communication session, the second communication session, and the third communication session.

10. (Original) The method of claim 1, further comprising the step of operating the third user agent with the same user that operated the second user agent.

11. (Currently amended) A method for call parking in a network telephony system, the method comprising the steps of:

establishing a first communication session between a first user agent and a second user agent in a network;

~~entering a call park number by~~ at the second user agent, ~~initiating to initiate~~ a call park of the first communication session using a call park number;

sending the call park number to ~~the~~ a server in the network;

at the server, authorizing the second user agent for call parking ~~at the server~~;

at the server, responsive to authorizing the second user agent for call parking, creating an association between the call park number and the second user agent by registering the call park number at the server;

parking the first communication session at the second user agent;

thereafter, at a third user agent in the network, entering the call park number;

responsive to entering the call park number at the third user agent, receiving a call at the server from the third user agent ~~by the third user agent entering the call park number;~~

at the server, routing the call from the third user agent to the second user agent using the association between the call park number and the second user agent;

establishing a second communication session between the third user agent and the second user agent;

sending to the third user agent the address of the first user agent by way of the second communication session;

establishing a third communication session between the third user agent and the first user agent;

terminating the first communication session between the first user agent and the second user agent;

deregistering the call park number at the server; and

terminating the second communication session between the second user agent and the third user agent.

12. (Original) The method of claim 11, further comprising the step of using real time protocol (RTP) media exchange for the first communication session, the second communication session, and the third communication session.

13. (Currently amended) The method of claim 11, wherein establishing the third communication session between the third user agent and the first user agent comprises further comprising the step of referring the third user agent to invite the first user agent to initiate the third communication session after routing the third user agent to the second user agent.

14. (Currently amended) The method of claim 13, wherein establishing the third communication session between the third user agent and the first user agent further comprises further comprising sending to the third user agent the address of the first user agent.

15. (Original) The method of claim 11 further comprising the step of using the call park number as a reference for the first communication session.

16. (Original) The method of claim 11, further comprising the step of operating the third user agent with the same user that operated the second user agent.

17. (Currently amended) A method for call parking in a SIP telephony system, the method comprising the steps of:

establishing a first communication session between a first user agent and a second user agent;

~~entering a call park number by~~ at the second user agent, ~~initiating to initiate~~ a call park of the first communication session ~~using a call park number at a SIP proxy server;~~
sending the call park number to ~~the~~ a SIP proxy server;
~~at the SIP proxy server,~~ authorizing the second user agent for call parking ~~at the SIP proxy server;~~
~~at the SIP proxy server, responsive to authorizing the second user agent for call parking,~~
~~creating an association between the call park number and the second user agent by registering the~~ call park number at the SIP proxy server;
~~thereafter, at a third user agent, entering the call park number;~~
~~responsive to entering the call park number at the third user agent,~~ receiving a call at the SIP proxy server from ~~a~~ the third user agent ~~by the third user agent entering the call park number;~~
~~at the SIP proxy server,~~ routing the ~~call from the~~ third user agent to the second user agent ~~using the association between the call park number and the second user agent;~~
sending the address of the first user agent to the third user agent;
establishing a second communication session between the third user agent and the first user agent;
deregistering the call park number at the SIP proxy server; and
terminating the first communication session.

18. (Currently amended) The method of claim ~~18~~ 17, ~~wherein establishing the second communication session between the third user agent and the first user agent comprises:~~

~~at the first user agent, further comprising the step of the first user agent accepting the second communication session; and~~

~~at the second user agent, terminating the first communication session in response to by the second user agent receiving a SIP REPLACES header alone in conjunction with the a SIP INVITE message from the third user agent when establishing the second communication session.~~

19. (Currently amended) The method of claim 48 17, further comprising the step of using real time protocol (RTP) media exchange for the first communication session and the second communication session.

20. (Currently amended) The method of claim 48 17, wherein sending the call park number to the SIP proxy server comprises ~~further comprising the step of~~ sending a SIP REGISTER message to the SIP proxy server to trigger registration of the call park number as a reference for the first communication session ~~after the second user enters the call park number.~~

21. (Currently amended) The method of claim 48 17, wherein routing the call from the third user agent to the second user agent comprises ~~further comprising the step of the SIP proxy server~~ forwarding a SIP INVITE message from the SIP proxy server to the second user agent ~~when routing the third user agent to the second user agent.~~

22. (Currently amended) The method of claim 48 21, wherein sending the address of the first user agent to the third user agent comprises ~~further comprising the step of the second user agent sending to the third user agent~~ sending a SIP REFER message from the second user

~~agent to the third user agent when sending the address of the first user agent to the third user agent~~ in response to forwarding the SIP INVITE message from the SIP proxy server sent by SIP proxy server to the second user agent.

23. (Currently amended) The method of claim ~~18~~ 17 further comprising the step of operating the third user agent with the same user that operated the second user agent.

24. (Currently amended) The method of claim ~~18~~ 17 further comprising the step of using the call park number as a reference for the first communication session.